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attorneys at law

SEP 01 2005

Routing #3001  
Client #23634-0001

FAX COVER LETTER

DATE: September 1, 2005

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FROM: William P. Smith Direct Dial: (717) 237-5260

TOTAL NUMBER OF PAGES, INCLUDING THIS COVER LETTER: 13

MESSAGE:

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Transmittal Form  
Letter Requesting Corrected Notice of Recordation of Assignment  
Notice of Recordation of Assignment Document (Doc. No. 70049947A)  
Original Recordation Form Cover Sheet  
Assignment (copy of executed original, 7 pages)  
Certificate of Fax Transmittal

Attorney Docket No.: 23634-0001-U1  
Application No.: 10/605,638  
Filed: October 15, 2003

FAX NUMBER: (717) 237-5300

PARALEGAL RESPONSIBLE: Holly J. Lawrence TELEPHONE: (717) 237-5395

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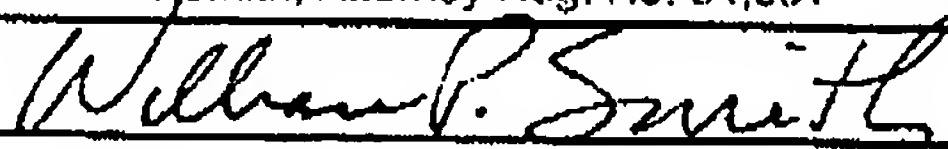
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/605,638
		Filing Date	October 15, 2003
		First Named Inventor	RAHMAN, Anis
		Art Unit	2633
		Examiner Name	KIANNI, Kaveh C.
Total Number of Pages in This Submission	13	Attorney Docket Number	23634-0001-U1

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Letter Requesting Corrected Recordation; Original Recordation Form Cover Sheet; Notice of Recordation of Assignment Document; Copy of Assignment; Certificate of Fax Transmittal
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	McNees Wallace & Nurick LLC William P. Smith, Attorney Reg. No. 34,931
Signature	
Date	September 1, 2005

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Holly J. Lawrence		
Signature		Date	September 1, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket No.: 23634-0001-U1

Application No.: 10/605,638

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: RAHMAN, Anis

Application No.: 10/605,638

Attn: ASSIGNMENT RECORDATION  
SERVICES

Filed: October 15, 2003

For: REFLECTIVE ARRAYED WAVEGUIDE GRATING

Mail Stop ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED NOTICE OF RECORDATION OF ASSIGNMENT**

Sir:

Enclosed is a copy of the Notice of Recordation of Assignment Document (document number 70049947A) recently received from the Recordation Branch of the U.S. Patent Office and recorded at Reel 014077 Frame 0908. The Notice of Recordation of Assignment Document incorrectly identifies the name of the assignor as RANMAN, ANIS, and the name of the assignee as APPLIES RESEARCH & PHOTONICS, INC. The original cover page correctly identifies the name of the assignor as RAHMAN, Anis, and the assignee as APPLIED RESEARCH & PHOTONICS, INC., and therefore, a copy of the originally filed assignment and cover page are enclosed.

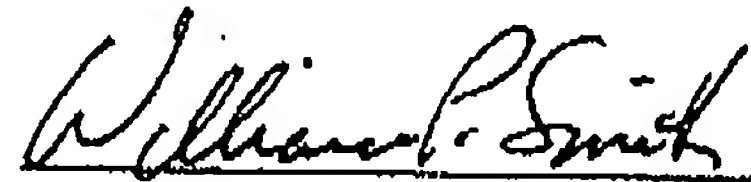
Please correct the Notice of Recordation of Assignment Document to properly record the assignment for Attorney Docket No. 23634-0001-U1, Application Serial No. 10/605,638.

Attorney Docket No.: 23634-0001-U1  
Application No.: 10/605,638

If a telephone call will expedite this correction, please feel free to contact the undersigned at the phone number listed below.

Dated: September 1, 2005

Respectfully submitted:  
McNees Wallace & Nurick LLC



William P. Smith  
Reg. No. 34,931  
100 Pine Street  
P.O. Box 1166  
Harrisburg, PA 17108-1166

Phone: (717) 237-5260  
Fax: (717) 237-5300



PTAS

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 28, 2003

ANIS RAIMAN  
2218 SOUTHPOINT DRIVE  
HUMMELSTOWN, PA 17036



\*700048947A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/15/2003

REEL/FRAME: 014077/0908  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
RAIMAN, ANIS

DOC DATE: 10/15/2003

ASSIGNEE:  
APPLIED RESEARCH & PHOTONICS, INC.  
2218 SOUTHPOINT DRIVE  
HUMMELSTOWN, PENNSYLVANIA 17036

SERIAL NUMBER: 10005628  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

*App*  
SHARELL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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**From:** Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

**To:** Name: ANIS RAHMAN  
Company: 2218 SOUTHPOINT DRIVE  
Fax Number: 17175667217  
Voice Phone:

## Fax Notes:

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Pg#	Description
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1	Cover Page
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2	685.TXT
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3	Document 1, Batch 265689
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OPR/ASSIGNMENTS

10/15/2003

3/4

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700049947

## PATENT ASSIGNMENT

Electronic Version v87

Stylesheet Version v02

10/15/2003

800008638

SUBMISSION TYPE:		NEW ASSIGNMENT		APPLICATION NUMBER	
				12604649	
NATURE OF CONVEYANCE:		ASSIGNMENT OF ASSIGNOR'S INTEREST			
SURVEYING PARTY DATA					
Name		Expiration Date			
Arts Rahman		2003-10-15			
RECEIVING PARTY DATA					
Name	Street Address	Internal Address	City	State/Country	Postal Code
Applied Research & Technology, Inc.	2258 Southpoint Drive		Hummelsburg	PENNSYLVANIA	17036
CORRESPONDENCE DATA					
FAX NUMBER: 717-560-7217					
Correspondence will be sent via this fax when the fax attempt is unsuccessful.					
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.					
CUSTOMER NUMBER: 034800					
NAME OF PERSON SIGNING:		Arts Rahman			
DATE SIGNED:		2003-10-15			
Total Attachments: 1					
Source: Rahman, A.					

# FAX COVER

**Message:**

Date : 10/27/2003

Ms. Mary Benton, Examiner  
Assignment Division  
Office of Public Records  
USPTO

**Re: US Patent Application #: 10/605638. Assignment #: 800008638**

Dear Ms. Benton,

Please find attached the following items as requested for the assignment of the above mentioned patent application:

1. Recordation cover sheet
2. Assignment document
3. Copy of your letter.

Please advise if you need any additional information.  
Thank you for your attention and help with this assignment.

Sincerely,

Anis Rahman

To: Assignment Division

From : Anis Rahman

Company : USPTO

Company : ARP Inc

Fax Number : 17033065995

Fax Number : 717-566-7217

Pages including this cover page: 4

Subject : Assignment Document

WinFax PRO Cover Page



## PATENT ASSIGNMENT

Electronic Version v07

Stylesheet Version v02

10/15/2003

800008638

SUBMISSION TYPE:	NEW ASSIGNMENT	APPLICATION NUMBER 10/605638			
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DATA					
Name		Execution Date			
Anis Rahman		2003-10-15			
RECEIVING PARTY DATA					
Name	Street Address	Internal Address	City	State/Country	Postal Code
Applied Research & Photonics, Inc.	2218 Southpoint Drive		Hummelstown	PENNSYLVANIA	17036
CORRESPONDENCE DATA					
FAX NUMBER: 717-566-7217					
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.					
CUSTOMER NUMBER: 034800					
NAME OF PERSON SIGNING:		Anis Rahman			
DATE SIGNED:		2003-10-15			
Total Attachments: 1 source=assn1.tif					

OP \$40.00 10605638

Form (former PTO/SB/15) (08-03)

## ASSIGNMENT OF APPLICATION

Whereas, I, Anis Rahman of Hummelstown, Pennsylvania 17036, USA, hereafter referred to as "applicant," have invented certain new and useful improvements in

"Reflective Arrayed Waveguide Grating,"

For which a provisional application was filed on 10-24-2002, and

A non-provisional application for a United States Patent was filed on 10-15-2003, and

Whose Application Number 10/605638, and

Whereas, Applied Research & Photonics, Inc.,

A company incorporated with the State of Delaware,

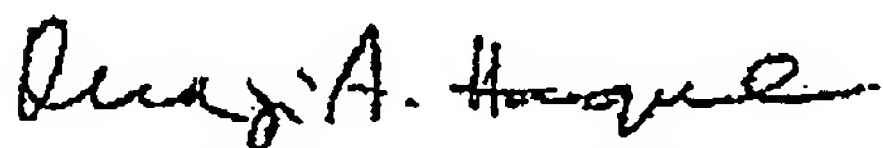
Hereafter referred to "assignee"

Whose mailing address is 2218 Southpoint Drive, Hummelstown, PA 17036, USA,

Is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of Five Hundred Ninety Five Thousand dollars (\$595,000.00), the amount whereof is to be paid to Anis Rahman, and/or to be considered as Anis Raman's investment and contribution to the assignee, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted thereof in the United States under the above mentioned application. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

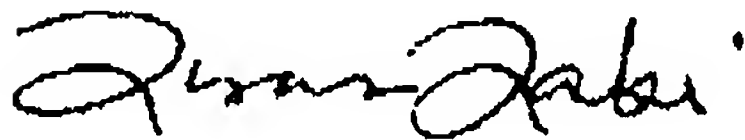
Executed this Twenty First day of October, 2003.



Mr. Quazi A. Haque, Member, Board of Directors



Dr. Anis Rahman, Applicant



Dr. Nuran Nabi, Member, Board of Directors



Dr. Abdul M. Kazi, Member, Board of Directors



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Washington, D.C. 20231

OCTOBER 16, 2003

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ANIS RAHMAN  
2218 SOUTHPOINT DRIVE  
HUMMELSTOWN, PA 17036



\*800008638\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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DOCUMENT ID NO.: 800008638

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1. THE ASSIGNMENT DOCUMENTS ARE MISSING//DO NOT NEED THE DRAWINGS//NOT RECORDABLE

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## APPLICATION DATA SHEET

Electronic Version v14

Stylesheet Version v14.0

Title of Invention	Reflective Arrayed Waveguide Grating		
Application Type: regular, utility			
Correspondence address:			
Customer Number:		034800	*034800*
Continuing Data:			
This is a Non-Provisional of US application number 60/420,763, filed 2002-10-24.			
Inventor Information:			
Inventor 1:			
Applicant Authority Type:	Inventor		
Citizenship:	BD		
Name prefix:	Dr.		
Given Name:	Anis		
Family Name:	Rahman		
City of Residence:	Hummelstown		
State of Residence:	PA		
Country of Residence:	US		
Address-1 of Mailing Address:	2218 Southpoint Drive		
Address-2 of Mailing Address:			
City of Mailing Address:	Hummelstown		
State of Mailing Address:	PA		
Postal Code of Mailing Address:	17036		
Country of Mailing Address:	US		
Phone:	717-566-7217		
Fax:	717-566-7217		
E-mail:	a.rahman@arphotronics.com		
Publication Information:			
Suggested Figure for Publication - Fig. 5			

file:///C:/Program%20Files/USPTO/ePAVE/efiling/nonprovrawg/nonprovrawg-usrequ.xml 10/15/2003

PTO/SB/07 (08-03)

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Date

  
Signature

Holly J. Lawrence

Typed or printed name of person signing Certificate

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Letter Requesting Corrected Notice of Recordation of Assignment

Copy of Original Recordation Form Cover Sheet

Notice of Recordation of Assignment Document (Doc. No. 70049947A)

Assignment (copy of executed original, 7 pages)

Certificate of Fax Transmittal

Attorney Docket No.: 23634-0001-U1

Application No.: 10/605,636 Filed: October 15, 2003

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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